CLAIMS:

1. A device (1) comprising: light detector means (11-14) for detecting light and in response generating detection information; a light-guiding layer (15) comprising an outer side for guiding incident light (21) arriving at the outer side and originating from an input device (20) towards the light detector means (11-14); and a converter (16) for converting the detection information into further information for taking into account an angle between the incident light (21) and a predetermined direction relative to the light-guiding layer (15).

2. The device (1) of Claim 1, wherein the light detector means (11-14) comprises a first detector (11) at a first side of the light-guiding layer (15) for generating a first detection signal x_1 and a second detector (12) at a second side of the light-guiding layer (15) for generating a second detection signal x_2, and wherein the first and second sides are opposite sides of the layer.

3. The device (1) of Claim 2, the light detectors (11-14) further comprising a third detector (13) at a third side of the light-guiding layer (15) for generating a third detection signal y.

4. The device (1) of Claim 3, the further information comprising at least one of coordinates of a location of incidence x, y, wherein x is a function of x_1, x_2, and y.

5. The device (1) of Claim 3, the further information comprising an angle of incidence that depends linearly on α, wherein $\tan \alpha$ is a function of x_1, x_2, and y.

6. The device (1) of Claim 2, wherein the light detectors (11-14) comprise a third detector (13) at a third side of the light-guiding layer (15) for generating a third detection signal y_1 and a fourth detector (14) at a fourth side of the light-guiding layer (15) for generating a fourth detection signal y_2, the third and fourth sides being opposite sides.

7. The device (1) of Claim 6, wherein the further information comprises at least one of coordinates of a location of incidence x, y, wherein x and y are functions of x_1, x_2, y_1, and y_2.

8. The device (1) of Claim 6, wherein the further information comprises at least one of a first angle of incidence and a second angle of incidence, the first angle of incidence depending linearly on α and the second angle of incidence depending linearly on β, wherein $\tan \alpha$ and $\tan \beta$ are functions of x_1, x_2, y_1, and y_2.

9. The device (1) of Claim 1, further comprising a display monitor (2), and wherein the light-guiding layer (15) comprises an inner side for guiding light arriving at the inner side and originating from the display monitor (2) to the outer side.

10. The device (1) of Claim 1, further comprising an adapter (17) for, in response to the further information, adapting a device parameter.

11. The device (1) of Claim 10, wherein the device parameter comprises at least one of: a rotation parameter defining a rotation of a 3D object displayed on a display monitor (2); a zooming parameter; a scrolling parameter; a sound volume parameter; an image contrast parameter; an image brightness parameter; a sound optimizing parameter.

12. The device (1) of Claim 1, further comprising a selector (18) for, in response to the further information; selecting a user from a plurality of users each one operating his/her own input device (20).

13. A display monitor (2) comprising

- a light detector means (11-14) for detecting light and in response generating detection information;
- a light-guiding layer (15) comprising an outer side and an inner side for guiding incident light (21) arriving at the outer side and originating from an input device (20) towards the light detector means (11-14) and for guiding light arriving at the inner side and originating from the display monitor (2) to the outer side; and
- a converter (16) for converting the detection information into further

information for taking into account an angle between the incident light (21) and an axis substantially perpendicular to the light-guiding layer (15).

14. An extension (11-16) comprising

- light detector means (11-14) for detecting light and in response generating detection information;
- a light-guiding layer (15) comprising an outer side for guiding incident light (21) arriving at the outer side and originating from an input device (20) towards the light detector means (11-14); and
- a converter (16) for converting the detection information into further information for taking into account an angle between the incident light (21) and a predetermined direction relative to the light-guiding layer (15).

15. A method for use with light detector means (11-14) for detecting light and in response generating detection information, and with a light-guiding layer (15) comprising an outer side for guiding incident light (21) arriving at the outer side and originating from an input device (20) towards the light detectors (11-14), the method comprising converting the detection information into further information for taking into account an angle between the incident light (21) and a predetermined direction relative to the light-guiding layer (15).

16. A processor program product for use on a data processing system, the system comprising light detector means (11-14) for detecting light and in response generating detection information; and a light-guiding layer (15) that has an outer side for guiding incident light (21) arriving at the outer side and originating from an input device (20) towards the light detectors (11-14), wherein the processor program product comprises converter means to convert the detection information into further information for taking into account an angle between the incident light (21) and a predetermined direction relative to the light-guiding layer (15).